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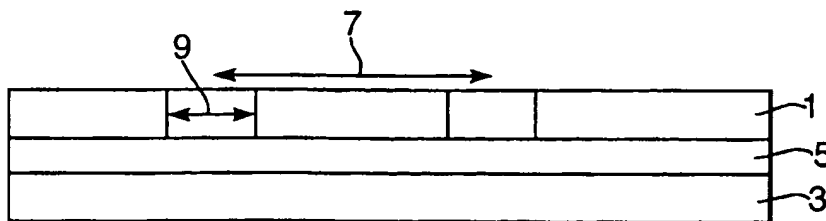
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(54) Title: ELECTROMAGNETIC RADIATION ABSORBER



(57) Abstract: An electromagnetic radiation absorber for absorbing radiation in the wavelength range λ_{\min} to λ_{\max} . The absorber has a conductor layer in contact with a dielectric layer. The conductor layer carries a plurality of apertures of sub-wavelength dimension and the thickness of the absorber is less than $\lambda_{\min}/4n$, where n is the refractive index of the dielectric. The dielectric layer may be sandwiched between two conductor layers, one of which has the structure described above. The invention is also directed to various articles comprising such an absorber.

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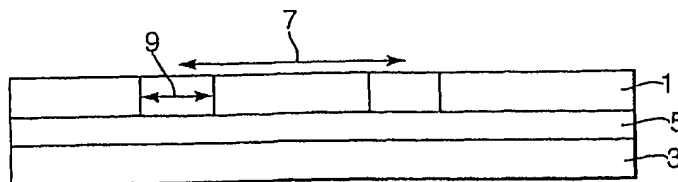
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